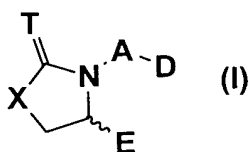


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) An 8-azaprostaglandin derivative compound represented by formula (I):



wherein T is (1) an oxygen atom or (2) a sulfur atom;

X is (1) -CH₂-, (2) -O- or (3) -S-;

A is A¹ or A²;

A¹ is (1) C2-8 straight-chain alkylene optionally substituted by 1 to 2 C1-4 alkyl(s), (2) C2-8 straight-chain alkenylene optionally substituted by 1 to 2 C1-4 alkyl(s) or (3) C2-8 straight-chain alkynylene optionally substituted by 1 to 2 C1-4 alkyl(s);

A² is -G¹-G²-G³-;

G¹ is (1) C1-4 straight-chain alkylene optionally substituted by 1 to 2 C1-4 alkyl(s), (2) C2-4 straight-chain alkenylene optionally substituted by 1 to 2 C1-4 alkyl(s) or (3) C2-4 straight-chain alkynylene optionally substituted by 1 to 2 C1-4 alkyl(s);

G² is (1) -Y-, (2) -ring1-, (3) -Y-ring1-, (4) -ring1-Y- or (5) -Y-C1-4 alkylene-ring1-;

Y is (1) -S-, (2) -SO-, (3) -SO₂-, (4) -O- or (5) -NR¹-;

R¹ is (1) a hydrogen atom, (2) C1-10 alkyl or (3) C2-10 acyl;

G³ is (1) a bond, (2) C1-4 straight-chain alkylene optionally substituted by 1 to 2 C1-4 alkyl(s), (3) C2-4 straight-chain alkenylene optionally substituted by 1 to 2 C1-4 alkyl(s) or (4) C2-4 straight-chain alkynylene optionally substituted by 1 to 2 C1-4 alkyl(s);

D is D¹ or D²;

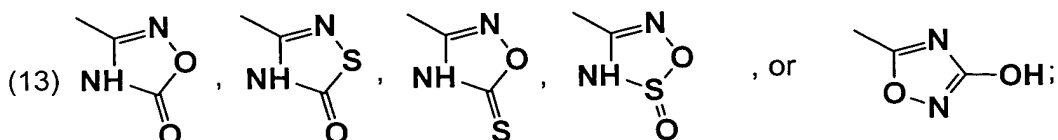
D¹ is (1) -COOH, (2) -COOR², (3) tetrazol-5-yl or (4) -CONR³SO₂R⁴;

R² is (1) C1-10 alkyl, (2) phenyl, (3) C1-10 alkyl substituted by phenyl or (4) biphenyl;

R³ is (1) a hydrogen atom or (2) C1-10 alkyl;

R⁴ is (1) C1-10 alkyl or (2) phenyl;

D² is (1) -CH₂OH, (2) -CH₂OR⁵, (3) hydroxy, (4) -OR⁵, (5) formyl, (6) -CONR⁶R⁷, (7) -CONR⁶SO₂R⁸, (8) -CO-(NH-amino acid residue-CO)_m-OH, (9) -O-(CO-amino acid residue-NH)_m-H, (10) -COOR⁹, (11) -OCO-R¹⁰, (12) -COO-Z¹-Z²-Z³, or



R⁵ is C1-10 alkyl;

R⁶ and R⁷ are, each independently, (1) a hydrogen atom or (2) C1-10 alkyl;

R⁸ is C1-10 alkyl substituted by phenyl;

R⁹ is (1) C1-10 alkyl substituted by biphenyl optionally substituted by 1 to 3 substituent(s) selected from C1-10 alkyl, C1-10 alkoxy and halogen or (2) biphenyl substituted by 1 to 3 substituent(s) selected from C1-10 alkyl, C1-10 alkoxy and halogen atom;

R¹⁰ is (1) phenyl or (2) C1-10 alkyl;

m is 1 or 2;

Z¹ is (1) C1-15 alkylene, (2) C2-15 alkenylene or (3) C2-15 alkynylene;

Z² is (1) -CO-, (2) -OCO-, (3) -COO-, (4) -CONR^{Z1}-, (5) -NR^{Z2}CO-, (6) -O-, (7) -S-, (8) -SO₂-, (9) -SO₂-NR^{Z2}-, (10) -NR^{Z2}SO₂-, (11) -NR^{Z3}-, (12) -NR^{Z4}CONR^{Z5}-, (13) -NR^{Z6}COO-, (14) -OCONR^{Z7}- or (15) -OCOO-;

Z³ is (1) a hydrogen atom, (2) C1-15 alkyl, (3) C2-15 alkenyl, (4) C2-15 alkynyl, (5) ringZ or (6) C1-10 alkyl substituted by C1-10 alkoxy, C1-10 alkylthio, C1-10 alkyl-NR^{Z8}- or ringZ;

ringZ is (1) C3-15 mono-, bi- or tri-carbocyclic aryl which may be partially or fully saturated or (2) 3- to 15-membered mono-, bi- or tri-heterocyclic aryl which may be partially or fully saturated and contains 1 to 4 hetero atom(s) selected from oxygen, nitrogen and sulfur atom(s);

R^{Z1}, R^{Z2}, R^{Z3}, R^{Z4}, R^{Z5}, R^{Z6}, R^{Z7} and R^{Z8} are, each independently, a hydrogen atom or C1-15 alkyl;

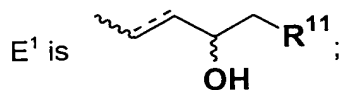
R^{Z1} and Z³ may be taken together with the nitrogen atom to which they are attached to form a 5- to 7-membered saturated mono-heterocyclic ring, and the heterocyclic ring may contain other one hetero atom selected from oxygen, nitrogen and sulfur atoms;

ringZ and the saturated mono-heterocyclic ring formed by R^{Z1}, Z³ and the nitrogen atom to which they are attached may be substituted by 1-3 groups selected from following (1) to (4):

(1) C1-15 alkyl, (2) C2-15 alkenyl, (3) C2-15 alkynyl, (4) C1-10 alkyl substituted by C1-10 alkoxy, C1-10 alkylthio or C1-10 alkyl-NR^{Z9}-;

R^{Z9} is a hydrogen atom or C1-10 alkyl;

E is E¹ or E²;



R¹¹ is (1) C1-10 alkyl, (2) C1-10 alkylthio, (3) C1-10 alkyl substituted by C3-8 cycloalkyl, (4) C1-10 alkyl substituted by ring2 or (5) C1-10 alkyl substituted by -W¹-W²-ring2;

W¹ is (1) -O-, (2) -S-, (3) -SO-, (4) -SO₂-, (5) -NR¹¹⁻¹-, (6) carbonyl, (7) -NR¹¹⁻¹-SO₂-, (8) carbonylamino or (9) aminocarbonyl;

R¹¹⁻¹ is (1) a hydrogen atom, (2) C1-10 alkyl or (3) C2-10 acyl;

W² is (1) a bond or (2) C1-8 alkyl optionally substituted by C1-4 alkyl, halogen or hydroxy;

E² is (1) U¹-U²-U³ or (2) ring4;

U¹ is (1) C1-4 alkylene, (2) C2-4 alkenylene, (3) C2-4 alkynylene, (4) -ring3-, (5) C1-4 alkylene-ring3-, (6) C2-4 alkenylene-ring3- or (7) C2-4 alkynylene-ring3-;

U² is (1) a bond, (2) -CH₂-, (3) -CHOH-, (4) -O-, (5) -S-, (6) -SO-, (7) -SO₂-, (8) -NR¹²⁻-, (9) carbonyl, (10) -NR¹²SO₂-, (11) carbonylamino or (12) aminocarbonyl;

R¹² is (1) a hydrogen atom, (2) C1-10 alkyl or (3) C2-10 acyl;

U³ is (1) C1-8 alkyl optionally substituted by 1 to 3 substituent(s) selected from C1-10 alkyl, halogen, hydroxy, alkoxy, alkylthio and NR¹³R¹⁴, (2) C2-8 alkenyl optionally substituted by 1 to 3 substituent(s) selected from C1-10 alkyl, halogen, hydroxyl, alkoxy, alkylthio and -NR¹³R¹⁴, (3) C2-8 alkynyl optionally substituted by 1 to 3 substituent(s) selected from C1-10 alkyl, halogen, hydroxy, alkoxy, alkylthio and -NR¹³R¹⁴, (4) C1-8 alkyl substituted by ring4 or (5) ring4;

R¹³ and R¹⁴ are, each independently, (1) a hydrogen atom or (2) C1-10 alkyl; ring1, ring2, ring3 or ring4 may be substituted by 1 to 5 R;

R is (1) C1-10 alkyl, (2) C2-10 alkenyl, (3) C2-10 alkynyl, (4) C1-10 alkoxy, (5) C1-10 alkylthio, (6) halogen, (7) hydroxy, (8) nitro, (9) -NR¹⁵R¹⁶, (10) C1-10 alkyl substituted by C1-10 alkoxy, (11) C1-10 alkyl substituted by 1 to 3 halogen atom(s), (12) C1-10 alkyl substituted by C1-10 alkoxy substituted by 1 to 3 halogen atom(s), (13) C1-10 alkyl substituted by -NR¹⁵R¹⁶, (14) ring5, (15) -O-ring5, (16) C1-10 alkyl substituted by ring5, (17) C2-10 alkenyl substituted by ring5, (18) C2-10 alkynyl substituted by ring5, (19) C1-10 alkoxy substituted by ring5, (20) C1-10 alkyl substituted by -O-ring5, (21) COOR¹⁷, (22) C1-10 alkoxy substituted by 1 to 4 halogen atom(s), (23) formyl, (24) C1-10 alkyl substituted by hydroxy or (25) C2-10 acyl;

R¹⁵, R¹⁶ and R¹⁷ are, each independently, (1) a hydrogen atom or (2) C1-10 alkyl; ring5 may be substituted by 1 to 3 substituent(s) selected from following (1)-(9):

(1) C1-10 alkyl, (2) C2-10 alkenyl, (3) C2-10 alkynyl, (4) C1-10 alkoxy, (5) C1-10 alkyl substituted by C1-10 alkoxy, (6) halogen atom, (7) hydroxy, (8) C1-10 alkyl substituted by 1 to 3 halogen atom(s), (9) C1-10 alkyl substituted by C1-10 alkoxy substituted by 1 to 3 halogen atom(s);

ring1, ring2, ring3, ring4 and ring5 are, each independently,

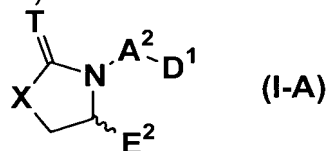
(1) C3-15 mono-, bi- or tri-carbocyclic aryl which may be partially or fully saturated or (2) 3- to 15-membered mono-, bi- or tri-heterocyclic aryl which may be partially or fully saturated and contains a hetero atom(s) selected from 1 to 4 nitrogen, 1 to 2 oxygen and/or 1 to 2 sulfur atom(s); and

wherein

- 1) when E is E², E² is U¹-U²-U³, and U¹ is C2 alkylene or C2 alkenylene, U² is not -CHOH-,
- 2) when U³ is C1-8 alkyl substituted by at least one hydroxy, U¹-U² is not C2 alkylene or C2 alkenylene,
- 3) when A is A¹ and D is D¹, then E is not E¹,
- 4) when T is oxygen atom, X is -CH₂-, D is D¹, D¹ is COOH, A is A¹, A¹ is C2-8 straight-chain alkylene, E is E², E² is U¹-U²-U³, U¹ is C1-4 alkylene and U³ is C1-8 alkyl, then U² is not a bond, -CH₂-, -NR¹²- or carbonyl,
- 5) when T is an oxygen atom, X is -CH₂-, D is D¹, D¹ is COOH, A is A², G¹ is C1-4 alkylene, G² is -O- or -NR¹-, G³ is a bond or C1-4 alkylene, E is E², E² is U¹-U²-U³, U¹ is C1-4 alkylene and U³ is C1-8 alkyl, the U² is not a bond, -CH₂-, -NR¹²- or carbonyl,
- 6) when T is an oxygen atom, X is -CH₂-, D is D¹, E is E², E² is U¹-U²-U³, U¹ is C2 alkylene or C2 alkenylene and U² is -CO-, then A is not A¹,
- 7) 4-[(2-[(2R)-2-[(1E,3S)-3-hydroxy-oct-1-enyl]-5-oxo-pyrrolidin-1-yl]ethyl)thio]butanoic acid and 4-[2-[(R)-2-[(E)-3-hydroxy-oct-1-enyl]-5-oxo-pyrrolidin-1-yl]-ethyl]-benzoic acid are excluded,

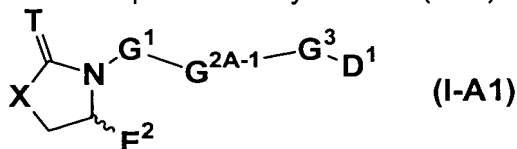
a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

2. **(Original)** The 8-azaprostaglandin derivative compound according to claim 1, which is represented by formula (I-A):



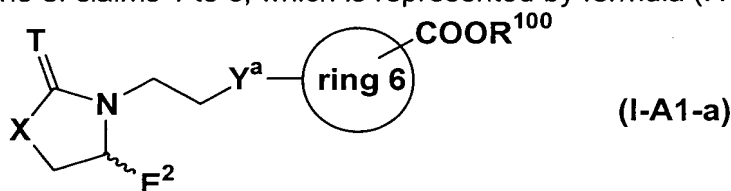
wherein all symbols have the same meanings as described in claim 1, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

3. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to claim 1 or 2, which is represented by formula (I-A1):



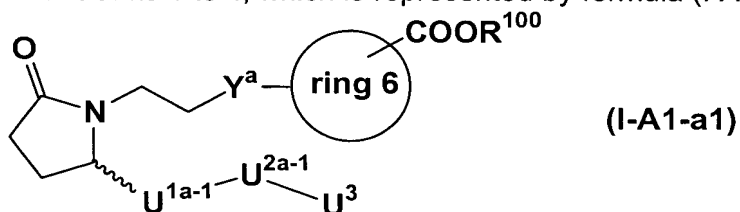
wherein G^{2A-1} is $-Y^a$ -ring1-, Y^a is $-S-$, $-SO_2-$, $-O-$ or $-NR_1-$, and other symbols have the same meanings as described in claim 1, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

4. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 3, which is represented by formula (I-A1-a):



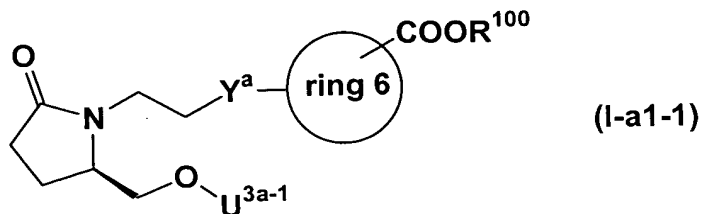
wherein ring6 is C5 or 6 mono-carbocyclic aryl, or 5- or 6-membered mono-heterocyclic aryl which may be partially or fully saturated and contains a hetero atom(s) selected from 1 to 4 nitrogen, 1 to 2 oxygen, and/or 1 to 2 sulfur atom(s); R^{100} is a hydrogen atom or C1-4 alkyl; and other symbols have the same meanings as described in claim 3, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

5. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 4, which is represented by formula (I-A1-a1):



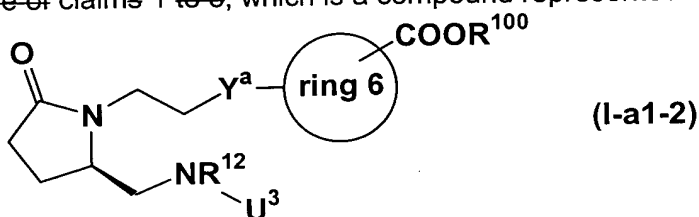
wherein U^{1a-1} is C1-4 alkyl, C2-4 alkenyl or C2-4 alkynyl, U^{2a-1} is $-O-$, $-S-$, $-SO-$, $-SO_2-$ or $-NR^{12}-$, and other symbols have the same meanings as described in claim 4, the pharmaceutically acceptable salt thereof or the cyclodextrin clathrate thereof.

6. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 5, which is represented by formula (I-a1-1):



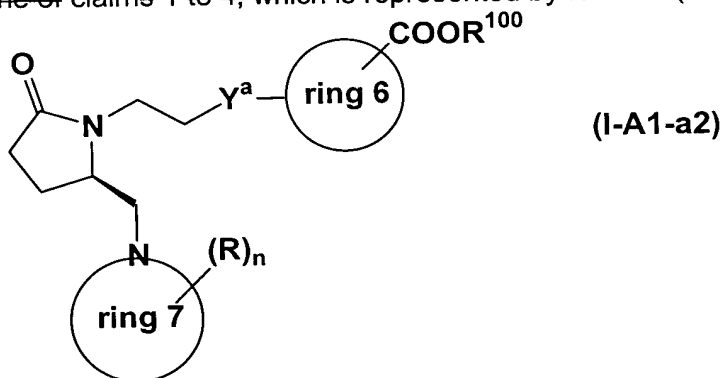
wherein U^{3a-1} is C1-8 alkyl or ring4, and other symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

7. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 5, which is a compound represented by formula (I-a1-2):



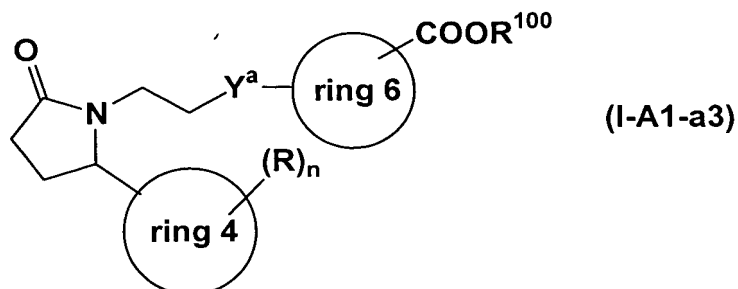
wherein all symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

8. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 4, which is represented by formula (I-A1-a2):



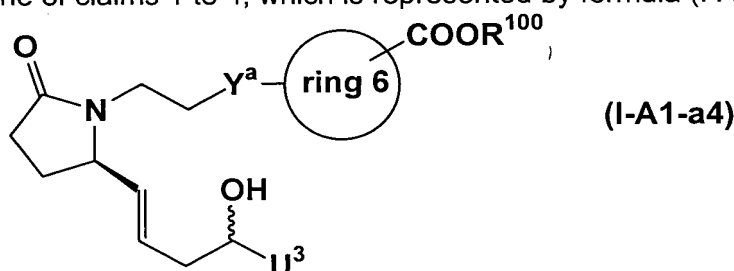
wherein ring7 is 3- to 15-membered mono-, bi- or tri-heterocyclic aryl which may be partially or fully saturated and contains at least one nitrogen atom and furthermore optionally 1 to 2 oxygen, and/or 1 to 2 sulfur atom(s); n is an integer from 1 to 3. Other symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

9. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 4, which is represented by formula (I-A1-a3):



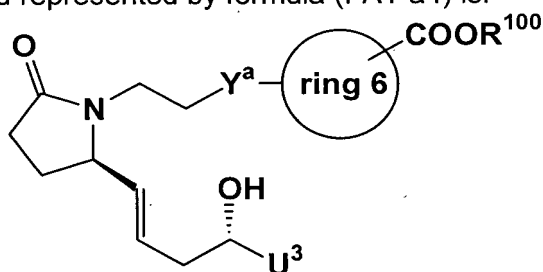
wherein all symbols have the same meanings as described in claim 8, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof

10. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 4, which is represented by formula (I-A1-a4):



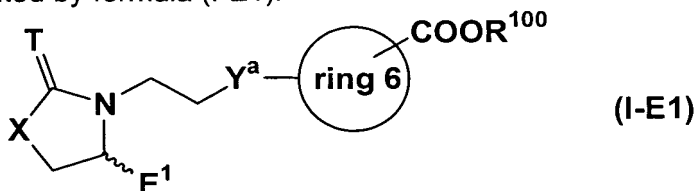
wherein all symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

11. **(Original)** The 8-azaprostaglandin derivative compound according to claim 10, wherein the compound represented by formula (I-A1-a4) is:



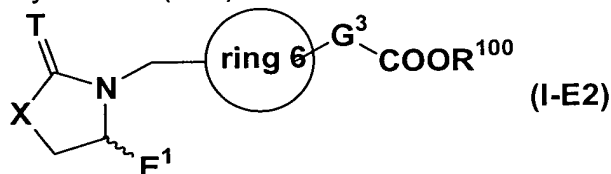
wherein all symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

12. **(Original)** The 8-azaprostaglandin derivative compound according to claim 1, which is represented by formula (I-E1):



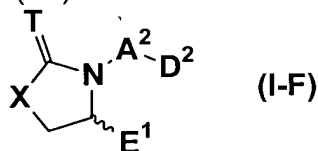
wherein all symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

13. **(Original)** The 8-azaprostaglandin derivative compound according to claim 1, which is represented by formula (I-E2):



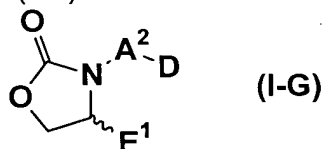
wherein all symbols have the same meanings as described in claim 4, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

14. **(Original)** The 8-azaprostaglandin derivative compound according to claim 1, which is represented by formula (I-F):



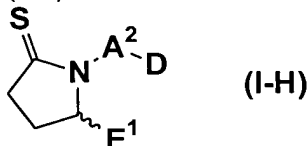
wherein all symbols have the same meanings as described in claim 1, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

15. **(Original)** The 8-azaprostaglandin derivative compound according to claim 1, which is represented by formula (I-G):



wherein all symbols have the same meanings as described in claim 1, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

16. **(Original)** The 8-azaprostaglandin derivative compound according to claim 1, which is represented by formula (I-H):



wherein all symbols have the same meanings as described in claim 1, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

17. **(Currently Amended)** The 8-azaprostaglandin derivative compound according to claim 1, which is ~~the compound described in any one of Example 1 to 22;~~

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E)-20-methyl-15-hydroxy-9-oxo-5,17-dithia-8-azaprost-13-enoic acid butyl ester;

(13E,15 α)-15-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20,20-ethano-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid butyl ester;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-20-nor-8-azaprost-13-enoic acid ethyl ester;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-2,7-(1,3-interphenylene)-3,4,5,6,20-pentano-8-azaprost-13-enoic acid methyl ester;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,5-(1,3-interphenylene)-2,3,4,20-tetranor-8-azaprost-13-enoic acid ethyl ester;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,5-(2,5-interthienylene)-2,3,4,20-tetranor-8-azaprost-13-enoic acid methyl ester;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,6-(1,4-interphenylene)-2,3,4,5,20-pentano-8-azaprost-13-enoic acid methyl ester;

(13E)-17,17-propano-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexano-5-thia-8-azaprost-13-ene;

(16 α)-17,17-propano-16-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprostane;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,5-(1,4-interphenylene)-2,3,4,20-tetranor-8-azaprost-13-enoic acid methyl ester;

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-8-azaprost-13-ene;

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5,8-diazaprost-13-ene;

(13E)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E)-17,17-propano-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E)-14-(3,5-dichlorophenyl)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decano-5-thia-8-azaprost-13-ene;

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(13E)-20-methyl-15-hydroxy-9-oxo-5,17-dithia-8-azaprost-13-enoic acid;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(15 α ,13E)-20,20-ethano-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-20-nor-8-azaprost-13-enoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-2,7-(1,3-interphenylene)-3,4,5,6,20-pentanor-8-azaprost-13-enoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,5-(1,3-interphenylene)-2,3,4,20-tetranor-8-azaprost-13-enoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,5-(2,5-interthienylene)-2,3,4,20-tetranor-8-azaprost-13-enoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,6-(1,4-interphenylene)-2,3,4,5,20-pentanor-8-azaprost-13-enoic acid;

(13E)-17,17-propano-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13-ene;

(16 α)-17,17-propano-16-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprostane;

(13E,16 α)-17,17-propano-16-hydroxy-9-oxo-1,5-(1,4-interphenylene)-2,3,4,20-tetranor-8-azaprost-13-enoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-8-azaprost-13-ene;

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5,8-diazaprost-13-ene;

(13E)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(13E)-17,17-propano-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(13E)-14-(3,5-dichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprost-13-ene;

2-(2-(2-(4-t-butylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid ethyl ester;

2-(2-(2-(4-n-butylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid ethyl ester;

2-(2-(2-(4-(1-hydroxyhexyl)phenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid ethyl ester;

2-(2-(2-(4-propoxyphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(1,1'-biphenyl-4-yl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid methyl ester;
2-(2-(2-(4-n-hexylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(4-n-propylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid ethyl ester;
2-(2-(2-phenyl-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid ethyl
ester;
2-(2-(2-(4-ethylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(4-n-pentylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(4-methylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(4-n-octylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(4-n-heptylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(3-n-hexylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid
ethyl ester;
2-(2-(2-(4-t-butylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-n-butylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-(1-hydroxyhexyl)phenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-
carboxylic acid;
2-(2-(2-(4-propoxyphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid;
2-(2-(2-(1,1'-biphenyl-4-yl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid;
2-(2-(2-(4-n-hexylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-n-propylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid;
2-(2-(2-phenyl-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-ethylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-n-pentylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid;

2-(2-(2-(4-methylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-n-octylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
2-(2-(2-(4-n-heptylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic
acid;
2-(2-(2-(3-n-hexylphenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;
(13E, 16 α)-17,17-propano-16-hydroxy-5-(4-methoxycarbonyloxazol-2-yl)-9-oxo-
1,2,3,4,20-pentano-8-azaprost-13-ene;
5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-14,15-(1,4-interphenylene)-1,2,3,4-
tetranor-5-thia-8-azaprostane;
(13E)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,18,19,20-heptano-5-thia-8-
azaprost-13-ene;
(13E)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexano-5-thia-8-
azaprost-13-ene;
(2E,13E,16 α)-17,17-propano-16-hydroxy-3,6-(1,4-interphenylene)-9-oxo-4,5,20-
trinor-8-azaprost-2,13-dienoic acid ethyl ester;
(13E,16 α)-17,17-propano-16-hydroxy-1,7-(2,5-interthienylene)-9-oxo-
2,3,4,5,6,20-hexano-8-azaprost-13-enoic acid methyl ester;

(13E)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-
13-ene;
(13E)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-20-methyl-1,2,3,4-tetranor-5-thia-8-
azaprost-13-ene;
(13E,15 α)-15-hydroxy-1,6-(1,4-interphenylene)-9-oxo-2,3,4,5-tetranor-8-
azaprost-13-enoic acid methyl ester;
(13E,15 α)-15-hydroxy-1,5-(2,5-interthienylene)-9-oxo-2,3,4-trinor-8-azaprost-13-
enoic acid methyl ester;
(13E,15 α)-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid ethyl ester;
(13E)-5-(4-ethoxycarbonylthiazol-2-yl)-9,15-dioxo-1,2,3,4,20-pentano-5-thia-8-
azaprost-13-ene;
5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprostane;
(13E,15 α)-20-ethyl-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-
tetranor-5-thia-8-azaprost-13-ene;
(13E,15 α)-20-methyl-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-
tetranor-5-thia-8-azaprost-13-ene;
(13E,15 α)-20-n-propyl-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-
1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;
(13Z)-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-
azaprost-13-ene;

(13Z)-16-oxa-17,17-dimethyl-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13-ene;

(13E)-16-oxa-17,17-dimethyl-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13-ene;

(13E,15 α)-19-phenyl-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-phenyl-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-benzyl-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,16 α)-17,17-propano-16-hydroxy-1,6-(1,3-interphenylene)-9-oxo-2,3,4,5,20-pentanor-8-azaprost-13-enoic acid methyl ester;

(15 α)-15-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprostane;

(15 α)-15-hydroxy-1,6-(1,4-interphenylene)-9-oxo-2,3,4,5-tetranor-5-thia-8-azaprostanoic acid methyl ester;

(13E)-17,17-dimethyl-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13-ene;

(13E)-17,17-dimethyl-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(13E,15 α)-19-phenyl-15-hydroxy-9-oxo-20-nor-5-thia-8-azaprost-13-enoic acid butyl ester;

(13E,15 α)-20-phenyl-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid butyl ester;

(13E,15 α)-20-benzyl-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid butyl ester;

14-oxa-14-phenyl-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3,5-dichlorophenyl)-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

(13E,16 α)-17,17-propano-16-hydroxy-6-(4-ethoxycarbonylthiazol-2-ylsulfonyl)-9-oxo-1,2,3,4,5,20-hexanor-8-azaprost-13-ene;

14-oxa-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexanor-5-thia-8-azaprostane;

17,17-propano-5-(4-ethoxycarbonylthiazol-2-yl)-9,16-dioxo-1,2,3,4,20-pentanor-5-thia-8-azaprostane;

(13E)-17-oxa-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E)-16-oxa-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

13-(N-(benzylsulfonyl)amino)-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,14,15,16,17,18,19,20-undecano-5-thia-8-azaprostane;

(13E)-19-phenyl-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

5-(4-ethoxycarbonylthiazol-2-yl)-9,13-dioxo-1,2,3,4,20-pentano-5-thia-8,14-diazaprostane;

(13E)-16-hydroxy-5-(4-ethoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

13-(N-methyl-N-(benzylsulfonyl)amino)-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,14,15,16,17,18,19,20-undecano-5-thia-8-azaprostane;

14-oxa-14-(pyridin-3-yl)-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decane-5-thia-8-azaprostane;

(13E,15 α)-19-phenoxy-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-phenoxy-15-hydroxy-5-(4-butoxycarbonylthiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,16 α)-17,17-propano-16-hydroxy-5-(4-carboxyoxazol-2-yl)-9-oxo-1,2,3,4,20-pentano-8-azaprost-13-ene;

5-(4-carboxythiazol-2-yl)-9-oxo-14,15-(1,4-interphenylene)-1,2,3,4-tetranor-5-thia-8-azaprostane;

(13E)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,18,19,20-heptano-5-thia-8-azaprost-13-ene;

(13E)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexano-5-thia-8-azaprost-13-ene;

TLC : R_f 0.39 (chloroform:methanol:acetic acid=9:1:0.1);

(13E,16 α)-17,17-propano-16-hydroxy-3,6-(1,4-interphenylene)-9-oxo-4,5,20-trinor-3-oxa-8-azaprost-13-enoic acid;

(2E,13E,16 α)-17,17-propano-16-hydroxy-3,6-(1,4-interphenylene)-9-oxo-4,5,20-trinor-8-azaprost-2,13-dienoic acid;

(13E,16 α)-17,17-propano-16-hydroxy-1,7-(2,5-interthienylene)-9-oxo-2,3,4,5,6,20-hexano-8-azaprost-13-enoic acid;

(13E)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E)-5-(4-carboxythiazol-2-yl)-9-oxo-20-methyl-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-15-hydroxy-1,6-(1,4-interphenylene)-9-oxo-2,3,4,5-tetranor-8-azaprost-13-enoic acid;

(13E,15 α)-15-hydroxy-1,5-(2,5-interthienylene)-9-oxo-2,3,4-trinor-8-azaprost-13-enoic acid;

(13E,15 α)-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid;

5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprostane;

(13E,15 α)-20-ethyl-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-methyl-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-n-propyl-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13Z)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13Z)-16-oxa-17,17-dimethyl-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexano-5-thia-8-azaprost-13-ene;

(13E)-16-oxa-17,17-dimethyl-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexano-5-thia-8-azaprost-13-ene;

(13E,15 α)-19-phenyl-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-phenyl-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-benzyl-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,16 α)-17,17-propano-16-hydroxy-1,6-(1,3-interphenylene)-9-oxo-2,3,4,5,20-pentano-8-azaprost-13-enoic acid;

(15 α)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprostane;

(15 α)-15-hydroxy-1,6-(1,4-interphenylene)-9-oxo-2,3,4,5-tetranor-5-thia-8-azaprostanoic acid;

(13E)-17,17-dimethyl-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexano-5-thia-8-azaprost-13-ene;

(13E)-17,17-dimethyl-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentano-5-thia-8-azaprost-13-ene;

(13E,15 α)-19-phenyl-15-hydroxy-9-oxo-20-nor-5-thia-8-azaprost-13-enoic acid;

(13E,15 α)-20-phenyl-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid;
(13E,15 α)-20-benzyl-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid;
14-oxa-14-phenyl-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-
decanor-5-thia-8-azaprostane;
14-oxa-14-(3,5-dichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;
(13E,16 α)-17,17-propano-16-hydroxy-6-(4-carboxythiazol-2-ylsulfonyl)-9-oxo-
1,2,3,4,5,20-hexanor-8-azaprost-13-ene;
14-oxa-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,19,20-hexanor-5-thia-8-
azaprostane;
17,17-propano-5-(4-carboxythiazol-2-yl)-9,16-dioxo-1,2,3,4,20-pentanor-5-thia-8-
azaprostane;
(13E)-17-oxa-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-
azaprost-13-ene;
(13E)-16-oxa-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-
azaprost-13-ene;
13-(N-(phenylsulfonyl)amino)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,14,15,16,17,18,19,20-undecanor-5-thia-8-azaprostane;
13-(N-(benzylsulfonyl)amino)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,14,15,16,17,18,19,20-undecanor-5-thia-8-azaprostane;
(13E)-19-phenyl-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-
azaprost-13-ene;
5-(4-carboxythiazol-2-yl)-9,13-dioxo-1,2,3,4,20-pentanor-5-thia-8,14-
diazaprostane;
(13E)-16-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-
azaprost-13-ene;
13-(N-methyl-N-(benzylsulfonyl)amino)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,14,15,16,17,18,19,20-undecanor-5-thia-8-azaprostane;
14-oxa-14-(pyridin-3-yl)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;
14-oxa-14-(2,5-dichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;
14-oxa-14-(2,4,5-trichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;
14-oxa-14-(3,4-dichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-
1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(2,3,4,5,6-pentafluorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3,4-difluorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(2-nitro-3-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3-chloro-4-formylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-nitro-3-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3-nitro-2-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-chloro-3-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3-nitro-4-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3-bromophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(2,3-dimethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-chloro-2,6-dimethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(naphthalen-2-yl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(2-fluoro-3-trifluoromethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3,5-dimethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3,4,5-trimethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(5,6,7,8-tetrahydronaphthalen-1-yl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-acetyl-3-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(naphthalen-1-yl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(2-chloro-3-trifluoromethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(3-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(4-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2,3,5-trichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(3-chloro-4-fluorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2,3-dichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(3-nitrophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(3-trifluoromethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(3-trifluoromethoxyphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2-chloro-4-methoxyphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(4-chloro-3-ethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(4-methylindan-7-yl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(4-fluoro-3-methylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2,3,4-trichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2-chloro-4-fluorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(4-chloro-3-nitrophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2,4-dichlorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(4-chloro-3-trifluoromethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

14-oxa-14-(2,4-dimethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3-ethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(3-methyl-4-methylthiophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-chloro-3,5-dimethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(2,3,5-trifluorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-fluoro-3-trifluoromethylphenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

14-oxa-14-(4-chloro-3-fluorophenyl)-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azaprostane;

(13E,15 α)-19-phenoxy-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(13E,15 α)-20-phenoxy-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

2-(2-(2-(4-(2-hydroxymethylphenyl)phenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid ethyl ester;

2-(2-(2-(4-(2-propoxyethyl)phenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid ethyl ester;

2-(2-(2-(4-(2-hydroxymethylphenyl)phenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;

2-(2-(2-(4-(2-propoxyethyl)phenyl)-5-oxopyrrolidin-1-yl)ethylthio)thiazole-4-carboxylic acid;

(13E,15 α)-15-hydroxy-5-(4-(2-(2-ethyl-2-methylbutanoyloxy)ethoxycarbonyl)thiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprost-13-ene;

(13E,15 α)-15-hydroxy-1,6-(1,4-interphenylene)-9-oxo-2,3,4,5-tetranor-8-azaprost-13-enoic acid 2-(2-ethyl-2-methylbutanoyloxy)ethyl ester;

(13E,15 α)-15-hydroxy-1,5-(2,5-interthienylene)-9-oxo-2,3,4-trinor-8-azaprost-13-enoic acid 2-(2-ethyl-2-methylbutanoyloxy)ethyl ester;

(13E,15 α)-15-hydroxy-9-oxo-5-thia-8-azaprost-13-enoic acid 2-(2-ethyl-2-methylbutanoyloxy)ethyl ester;

(15 α)-15-hydroxy-5-(4-(2-(2-ethyl-2-methylbutanoyloxy)ethoxycarbonyl)thiazol-2-yl)-9-oxo-1,2,3,4-tetranor-5-thia-8-azaprostane;

14-oxa-14-(3,5-dichlorophenyl)-5-(4-hydroxymethylthiazol-2-yl)-9-oxo-1,2,3,4,15,16,17,18,19,20-decanor-5-thia-8-azapropane;

(2R)-2-(3,5-dichlorophenoxyethyl)-1-(2-(4-methoxymethyl-1,3-thiazol-2-ylthio)ethyl)pyrrolidin-5-one;

2-(2-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxamide;

2-(2-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-N,N-dimethyl-1,3-thiazole-4-carboxamide;

(2R)-2-(3,5-dichlorophenoxyethyl)-1-(2-(4-(4-methylpiperazin-1-yl)carbonyl)-1,3-thiazol-2-ylthio)ethyl)pyrrolidin-5-one;

2-(2-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-N-methylsulfonyl-1,3-thiazole-4-carboxamide;

N-benzoyl-2-(2-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxamide;

2-(2-((2R)-2-(2-naphthylmethoxymethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(3-ethylphenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-5-oxo-2-(3-trifluoromethylphenoxyethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-5-oxo-2-(3-trifluoromethoxyphenoxyethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

(3-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-ylmethyl)phenoxy)acetic acid ethyl ester;

(2E)-3-(3-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-ylmethyl)phenyl)-2-propenoic acid methyl ester;

3-(3-((2R)-2-(3,5-dichlorophenoxyethyl)-5-oxopyrrolidin-1-ylmethyl)phenyl)propanoic acid methyl ester;

2-(2-((2R)-5-oxo-2-(pyridin-2-ylmethoxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid ethyl ester;

(15 α ,13E)-15-hydroxy-9-oxo-17-phenyl-18,19,20-trinor-5-thia-8-azapro-13-enoic acid;

(15 α ,13E)-15-hydroxy-9-oxo-18-phenyl-19,20-dinor-5-thia-8-azapro-13-enoic acid;

2-(2-((2R)-5-oxo-2-(5-oxo-5,6,7,8-tetrahydronaphthalen-1-ylmethoxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-difluorophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methoxy-2-nitrophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-acetyl-3-fluorophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-ethynylphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-formyl-3-methoxyphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-3,5-difluorophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-18-phenoxy-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13-ene;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-17-phenoxy-1,2,3,4,18,19,20-heptanor-5-thia-8-azaprost-13-ene;

2-(2-((2R)-2-(3,5-dichlorophenylthiomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-18-(naphthalen-2-yl)-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13-ene;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-19-(naphthalen-2-yl)-1,2,3,4,20-pentanor-5-thia-8-azaprost-13-ene;

(15 α ,13E,18E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-19-naphthalen-2-yl-1,2,3,4,19,20-hexanor-5-thia-8-azaprost-13,18-diene;

2-(2-((2R)-2-benzyloxymethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-dimethylaminophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

3-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-oxopyrrolidin-1-ylmethyl)phenoxyacetic acid;

(2E)-3-(3-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-oxopyrrolidin-1-ylmethyl)phenyl)-2-propenoic acid;

3-(3-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-oxopyrrolidin-1-ylmethyl)phenyl)propanoic acid;

5-(3-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-oxopyrrolidin-1-yl)propyl)thiophene-2-carboxylic acid;

4-(2-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethyl)benzoic acid;

2-(2-((2R)-5-oxo-2-(pyridin-2-yloxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(quinolin-5-yloxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(quinolin-6-yloxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(quinolin-8-yloxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-phenylethoxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-phenylpropoxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(15 α ,13E)-15-hydroxy-9-oxo-3,7-(1,3-interphenylene)-3-thia-20-ethyl-4,5,6-trinor-8-azaprost-13-enoic acid;

2-(2-((2R)-5-oxo-2-(pyridin-4-yloxymethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-17-phenyl-1,2,3,4,18,19,20-heptanor-5-thia-8-azaprost-13-ene;

2-(2-((2R)-5-oxo-2-(2-trifluoromethoxyphenoxyethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-trifluoromethoxyphenoxyethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-(t-butyl)phenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chlorophenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-5-methylphenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-5-methoxyphenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-acetyl-4-chloro-5-methylphenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methoxyphenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-ethoxyphenoxyethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-difluoromethoxyphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-(1,1,2,2-tetrafluoroethoxy)phenoxy)methyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-17-(3,4-dichlorophenyl)-1,2,3,4,18,19,20-heptanor-5-thia-8-azaprost-13-ene;

2-(2-((2R)-2-(3-aminophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylaminophenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-amino-2-methylphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-amino-4-methylphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(15 α ,13E)-15-hydroxy-5-(4-carboxythiazol-2-yl)-9-oxo-17-(naphthalen-2-yl)-1,2,3,4,18,19,20-heptanor-5-thia-8-azaprost-13-ene;

2-(2-((2R)-2-(3-aminomethylphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-dimethylaminomethylphenoxy)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dichlorobenzyloxymethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2S)-2-(2-(3,5-dichlorophenyl)ethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-heptylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(3,5-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-5-oxo-2-(piperidin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(morpholin-4-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(4-methylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(4-(t-butoxycarbonyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(4-benzylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(cyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-benzylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(N-cyclohexyl-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-(N-benzyl-N-cyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid butyl ester;

2-(2-((2R)-2-heptylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-acetyl-N-(3,5-dichlorophenyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(piperidin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(morpholin-4-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(t-butoxycarbonyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-benzylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cyclohexylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-benzylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-cyclohexyl-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-cyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-hexylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-phenylpiperidin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-benzylpiperidin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-phenylpropylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((naphthalen-2-ylmethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dimethylpiperidin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-phenylethylamino)methyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,2,3,4-tetrahydroisoquinolin-2-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(3,5-dichlorophenoxy)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid trifluoroacetic acid;

2-(2-((2R)-5-oxo-2-(3-trifluoromethoxyphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(((1S,2R,5S)-6,6-dimethylbicyclo[3.1.1]hept-2-yl)methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

more polar;

2-(2-((2R)-2-(3-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cyclohexylmethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(indan-1-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-((tetrahydrofuran-2-ylmethyl)aminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylbenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(1-cyclohexen-1-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-((2R)-2-phenylpropylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(ethylthio)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(2-fluorophenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cyclooctylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,3-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(5,6,7,8-tetrahydronaphthalen-1-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-4-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-bromophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-trifluoromethylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-fluoro-3-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chloro-3-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3,4,5-trichlorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-bromo-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methylhexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-ethylhexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-octylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-nonylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((1S)-1-cyclohexylethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(adamantan-1-ylmethyl)amino)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,4-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-chloro-2-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-bromo-3-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-trifluoromethylthiophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((naphthalen-1-ylmethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(morpholin-4-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N,N-bis(3-methylbutyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(azocan-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-diethylaminoethyl)-N-ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(piperidin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(cyclobutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((1S,2R,5S)-6,6-dimethylbicyclo[3.1.1]hept-2-ylmethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cyclopentylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cyclohexylmethylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(1-methylpyrrolidin-2-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-ethylpyrrolidin-2-ylmethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(furan-2-ylmethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(indan-1-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-propenyl)-N-cyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cycloheptylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(1,2,3,4-tetrahydro- β -carbolin-2-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(pyrrolidin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(tetrahydrofuran-2-ylmethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(indol-3-yl)-1-methylethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-(indol-3-yl)ethyl)-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-phenylpiperazin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-hydroxy-4-phenylpiperidin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(pyridin-2-ylmethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-(pyridin-2-yl)ethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(pyridin-3-ylmethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(pyridin-4-ylmethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-ethoxycarbonylpiperidin-4-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-(piperidin-1-yl)ethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(perhydroquinolin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(t-butylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(1-phenylethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,2-dimethylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxy-1-methylethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,3-dimethylbutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-ethylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methylbutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxybenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylbenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methoxybenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chlorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methoxybenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylbenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,2-dimethylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluoroethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-phenylaminoethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-diethylaminoethyl)-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxyethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(4-methylphenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-phenylbutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(pentylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(2-phenylethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-isopropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N,N-bis(2-methylpropyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N,N-diethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-propylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N,N-dipropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-butylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-butylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(1-cyclohexen-1-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(cyclopropylmethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-t-butylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-propylbutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(2-methylpropyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-ethyl-N-propylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-ethyl-N-(pyridin-4-ylmethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(N-ethyl-N-(3-methylphenyl))ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(pyridin-4-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-t-butylbenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylthiopropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-isopropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-isopropylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(thiophene-2-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-t-butylthioethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-benzylpyrrolidin-3-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-propenyl)-N-cyclopentylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-methylfuran-2-ylmethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(pyridin-3-yl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((2R)-2-phenylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(pyrazol-3-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,2,3,6-tetrahydropyridin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-fluorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-phenylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,5-difluorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-ethylpyrazol-5-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-ethylthioethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(3-dimethylaminopropyl)-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(2-fluorophenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-cyclooctylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-pyrrolin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylpiperidin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylpiperidin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylpiperidin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-(morpholin-4-yl)propylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(azepan-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,1,3,3-tetramethylbutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,1-dimethylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methyl-3-phenylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,5-dimethylhexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methylhexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methylheptylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chlorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-fluorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-ethylhexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-dimethylaminoethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-propynylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-propenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylbutylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-dimethylaminopropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-ethoxypropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-octylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-nonylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,6-difluorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methoxypropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-butoxypropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N,N-bis(2-methoxyethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chlorobenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-dimethylamino-2,2-dimethylpropylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methyl-1,4-diazepan-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-ethylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((1S)-1-cyclohexylethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-methylpyrazol-3-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((1R)-1-(4-methylphenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-ethynylcyclohexylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,6-dimethylmorpholin-4-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(2-(pyridin-2-yl)ethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(1-methylpiperidin-4-yl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,1-diethyl-2-propynylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-ethyl-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-ethyl-N-(2-methyl-2-propenyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-(4-fluorophenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((1R,2R,4S)-bicyclo[2.2.1]hept-2-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-((2S)-2-methoxymethylpyrrolidin-1-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,2,4-triazol-4-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1-methylbenzimidazol-2-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(5-phenylpyrazol-3-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(thiophene-2-ylmethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(4-aminosulfonylphenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(adamantan-1-ylmethyl)amino)methyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-aminosulfonylbenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(6,7-dimethoxy-1,2,3,4-tetrahydroisoquinolin-2-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(6,7-hydroxy-1-methyl-1,2,3,4-tetrahydroisoquinolin-2-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(3,4-dihydroxyphenyl)ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2,2,2-trifluoroethylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylbenzylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,4'-bipiperidin-1'-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(1,3-benzodioxol-5-ylmethyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-(3-trifluoromethylphenyl)piperazin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(4-methoxyphenyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-(4-trifluoromethylphenyl)piperazin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(4-(pyridin-3-yl)butyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(2-(pyridin-4-yl)ethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(pyridin-3-ylmethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-methyl-N-(6-methylpyridin-2-ylmethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-cyclohexylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(3-methoxyphenyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(2-methoxyphenyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(2,4-dimethoxyphenyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(2,4-dimethylphenyl)piperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-((2E)-3-phenyl-2-propenyl)piperazin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-(2-oxo-2-pyrrolidin-1-ylethyl)piperazin-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-ethoxycarbonylpiperazin-1-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-oxo-1-phenyl-1,3,8-triazaspiro[4.5]decan-8-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-(5-trifluoromethylpyridin-2-yl)-1,4-diazepan-1-ylmethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-(3,4-dimethoxyphenyl)ethyl)-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-(2-cyanoethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-benzyl-N-(2-dimethylaminoethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(furan-2-ylmethyl)-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-ethyl-N-(4-hydroxybutyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N,N-bis(2-ethoxyethyl)aminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-cyanoethyl)-N-ethylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(N-(2-methoxyethyl)-N-methylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(6-methoxy-1,2,3,4-tetrahydro- β -carbolin-2-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-dihydropyrido[4,3-b]-1,6-naphthylidin-2-ylmethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-phenylaminomethyl-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,3-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,4-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,5-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,6-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-diethylaminophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylthiophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-t-butylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-isopropylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,4-dimethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-dimethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-isopropoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-t-butylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluoro-5-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-6-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methoxy-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-difluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-ethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-(1-hydroxyethyl)phenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-hydroxymethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-fluoro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-cyanomethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-hydroxymethyl-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-methoxy-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxy-6-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-cyanomethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(5,6,7,8-tetrahydronaphthalen-1-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(indan-5-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,3-benzodioxol-5-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(quinolin-5-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(quinolin-6-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(quinolin-8-ylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-cyanophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,4-difluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2,4,5-trifluorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2,4,6-trifluorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,5-difluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,6-difluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-ethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylthiophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-isopropylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,4,6-trimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-isopropyl-6-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-ethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-ethyl-6-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,6-diethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-cyanophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-difluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-fluoro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-4-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxy-5-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-ethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chloro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-nitrophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-ethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-ethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(2-hydroxyethyl)phenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-propylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-butylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-propylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(1-methylpropyl)phenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chloro-2-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2,3,4-trifluorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-butylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-isopropenylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-fluoro-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylthiophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(1-methylpropyl)phenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-fluoro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluoro-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1H-indazol-6-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1,4-benzodioxan-6-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methyl-2-oxo-2H-chromen-7-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-bromophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-bromo-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,3-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,4-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,5-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-5-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-trifluoromethylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-bromophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,4-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dichlorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-chloro-2-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-trifluoromethylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-cyanophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-bromophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-bromo-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-bromo-3-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-fluoro-3-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chloro-3-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-butoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-pentylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-hexylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-heptylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-aminocarbonylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,5-dimethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3,4,5-trimethoxyphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,6-diisopropylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-bromo-2-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-5-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,5-diethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylquinolin-8-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-(1-methylpropyl)-6-ethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-chloro-2,4-dimethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-chloro-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(1H-indazol-5-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-trifluoromethoxyphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-cyano-3-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-bromo-4-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-4-fluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2,3,4-trichlorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-isopropyl-2-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methylquinolin-6-ylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-isopropoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-trifluoromethylphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methylaminocarbonylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-2,6-diethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-isopropylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,3-dimethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-methoxy-5-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-(morpholin-4-yl)phenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluoro-5-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-5-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3,4,5-trichlorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-4-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-chloro-2-methoxy-5-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-pentyloxyphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-hexyloxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2,3-difluorophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2,3,4,5-tetrafluorophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(5-t-butyl-2-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-chloro-4-cyanophenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(2-trifluoromethoxyphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(4-trifluoromethylthiophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-trifluoromethoxyphenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-methoxy-5-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-4,6-dimethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-chloro-4-fluoro-5-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-cyano-4,5-dimethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-fluoro-3-trifluoromethylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-fluoro-4-methoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(4-difluoromethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3-bromo-4-methylphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(2-difluoromethoxyphenylaminomethyl)-5-oxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-5-oxo-2-(3-trifluoromethylthiophenylaminomethyl)pyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

(4R)-4-(3,5-dichlorophenoxymethyl)-1-(2-hydroxyethyl)-2-oxo-1,3-oxazolidine;

2-(2-((4S)-4-(3,5-dichlorophenoxymethyl)-2-oxo-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid ethyl ester;

2-(2-((4S)-4-(3,5-dichlorophenoxymethyl)-2-oxo-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((4S)-2-oxo-4-((3-(trifluoromethoxy)phenoxy)methyl)-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-thioxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid ethyl ester;

2-(2-((4S)-4-(3,5-dichlorophenoxy)methyl)-2-thioxo-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid methyl ester;

2-(2-((4S)-2-thioxo-4-(3-trifluoromethoxyphenoxy)methyl)-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid methyl ester;

TLC : Rf 0.43 (hexane:ethyl acetate=1:1);

2-(2-((2R)-2-(3,5-dichlorophenoxy)methyl)-5-thioxopyrrolidin-1-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((4S)-4-(3,5-dichlorophenoxy)methyl)-2-thioxo-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid;

2-(2-((4S)-2-thioxo-4-(3-trifluoromethoxyphenoxy)methyl)-1,3-oxazolidin-3-yl)ethylthio)-1,3-thiazole-4-carboxylic acid,

a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.

18. **(Currently Amended)** A pharmaceutical composition, which comprises, ~~as an active ingredient,~~ the 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 17, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof and a pharmaceutically acceptable carrier.

19. **(Original)** The pharmaceutical composition according to claim 18, which is EP₂ and/or EP₄ receptor agonist.

20. **(Currently Amended)** A ~~preventive and/or treatment agent for~~ method for preventing and/or treating immune diseases, allergic diseases, neuronal cell death, dysmenorrhea, premature birth, abortion, baldness, retinal neuropathy, erectile dysfunction, arthritis, pulmonary injury, pulmonary fibrosis, pulmonary emphysema, bronchitis, chronic obstructive pulmonary disease, hepatic injury, acute hepatitis, liver cirrhosis, shock, nephritis, renal failure, circulatory diseases, systemic inflammatory response syndrome, sepsis, hemophagocytosis syndrome, macrophage activation syndrome, still disease, Kawasaki Disease, burn, systemic granuloma, ulcerative colitis, Crohn disease, hypercytokinemia at dialysis, multiple organ failure, or bone diseases, which comprises, ~~as an active ingredient,~~ administering the 8-azaprostaglandin derivative compound according to ~~any one of~~ claims 1 to 17, a pharmaceutically acceptable salt thereof or a cyclodextrin clathrate thereof.